

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Hermann BODINGER et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed November 29, 2004

Examiner

PIEZOCERAMIC COMPOSITION, PIEZOCERAMIC BODY COMPRISING SAID COMPOSITION AND A METHOD FOR PRODUCING SAID COMPOSITION AND SAID BODY

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 29, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☒ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An foreign language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

**FEES**

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

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Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

 Attorney Docket No.:  
**4001-1190**

 Application No.:  
**NEW NATIONAL PHASE**

 Applicant:  
**Hermann BODINGER et al.**

 Filing Date:  
**November 29, 2004**

Group Art Unit:

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
/CMK/	5,453,262	9/26/1995	DAWSON et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
/CMK/	WO 97/40537	10/30/1997	WIPO			Yes No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/CMK/	BYKOV I P ET AL: "Investigation of chromium impurities charge state and chemical bonds in PLTZ ceramic" JOURNAL OF THE PHYSICS AND CHEMISTRY OF SOLIDS, JULY 1995, UK, Bd. 56, Nr. 7, Seiten 919-923, XP000889272 ISSN: 0022-3697 Seite 920, linke Spalte
/CMK/	MURAKAMI S ET AL: "Low-temperature luminescence and energy transfer processes in Eu/sup 3+/, nd/sup 3+/, and Cr-doped sol-gel PLTZ ceramics" TWELFTH INTERNATIONAL CONFERENCE ON DYNAMICAL PROCESSES IN EXCITED STATES OF SOLIDS. DPC'99, HUMACAO, PUERTO RICO, 23-27 MAY 1999, Bd. 83-84, Seiten 215-219, XP002258021 Journal of Luminescence, Nov. 1999, Elsevier, Netherlands ISSN: 0022-2313 Seite 215, rechte Spalte, letzter Absatz, Seite 216, linke Spalte, Seite 218, rechte Spalte, Absatz 1
/CMK/	PATENT ABSTRACTS OF JAPAN, vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 001364 A (TOKIN CORP), 6 January 1998 (1998-01-06) Tabelle 1, Munster 1-4 und 10. Zusammenfassung
/CMK/	KALA T ET AL: "The study of valency states of manganese ions in Pb(Zr,Ti)O/sub 3/-La2O/sub 3/-MnO/sub 2/ solid solutions by the EPR method" FERROELECTRICS LETTERS SECTION, 1992, UK, Bd. 14, Nr. 5-6, Seiten 135-144, XP008022944 ISSN: 0731-5171, Seite 137, Absatz 2 -Seite 138, Absatz 1 Seite 140, letzter Absatz -Seite 141, Absatz 1; Abbildung 2
/CMK/	KALA T: "THE STUDY OF THERMALLY STIMULATED SHORT-CIRCUIT CURRENTS IN MODIFIED PB (Zr,Ti)O3" CZECHOSLOVAK JOURNAL OF PHYSICS, PRAGUE, CZ, Bd. B38, Nr. 6, 1988, Seiten 680-688, XP008022962 ISSN: 0011-4626 Seite 681, Absatz 1; Abbildungen 1, 3
/CMK/	LAL R ET AL: "EVOLUTION OF MICROSTRUCTURE IN PZT CERAMICS WITH SUPERVALENT, ISOVALENT AND SUBVALENT CATION ADDITIONS" KEY ENGINEERING MATERIALS, AEDERMANNSDORF, CH, Bd. 29-31, 1989, Seiten 609-617, XP008022908 Seite 610, Absätze 2-4 Letzte 2 Sätze auf Seite 611 und die erste 2 auf Seite 612
/CMK/	Derwent Abstract zu SU 1 306 924 a

EXAMINER:

/C. Melissa Koslow/

DATE CONSIDERED

08/06/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience